

ARNOLD URBAN DISTRICT COUNCIL.ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH, 1942.

Public Health Department,  
Council House,  
ARNOLD.

June, 1943.

To the Chairman and Members of the  
ARNOLD URBAN DISTRICT COUNCIL.

Ladies and Gentlemen,

I beg to submit my Report on the Vital Statistics and Health of the district for the year, 1942.

The Registrar General has reduced the population by 710, although the excess of live births over deaths is 115. Some common factor is arrived at by which the normal civilian population is depleted for war work.

Births:

Live = 163 males and 168 females.

Stillbirths = 15, of whom 2 were Illegitimate.

Illegitimate = 20.

Infantile Deaths = 17, of whom 2 were Illegitimate.

Maternal Deaths = 2.

Deaths under 2 years from Diarrhoea and Enteritis per 1,000 live births = 1.

Deaths:

Males 99: Females 117 = 216.

One third of the deaths occurred in the 75 and upwards age group. 10 of the deaths occurred in infants under 1 month, known as the neo-natal mortality. This is the group to be more scientifically tackled before the Infant Mortality as a whole can be said to have been reduced to a minimum figure.

Cancer, Diseases of the Heart and Circulation, and Vascular Disease of the Brain are the chief causes of death, closely followed by Bronchitis and Pneumonia.

Comparative Figures:

	<u>England &amp; Wales.</u>	<u>Arnold.</u>
Live Birth Rate.	15.8	18.8
Death Rate.	11.6	11.7
Infantile Death Rate per 1,000 births.	49.0	51.3
Maternal Mortality per 1,000 births.	2.01	5.8
Deaths under 2 years from Diarrhoea & Enteritis per 1,000 live births.	5.2	3.0
Still birth Rate per 1,000 population.	.54	.86

The Natural and Social Statistics remain much the same as in 1941, and are not repeated.

Infectious Diseases:

	<u>Notified.</u>	<u>Removed to Hospital.</u>	<u>Died.</u>
Scarlet Fever	57	19	Nil
Whooping Cough	29	-	"
Diphtheria	5	4	"
Erysipelas	2	1	"
Measles	49	2	"
Pneumonia	7	5	10
Puerperal Pyrexia	5	4	Nil
Cerebro - Spinal Fever	1	1	"
Polio-Myelitis	1	1	"
Ophthalmia Neonatorum	2	-	"

Debdale Hall was opened as a temporary isolation hospital with 26 beds but was only available for Scarlet Fever cases.

The Basford Sanatorium admitted cases for us when Debdale Hall could not. The Newark Hospital also obliged.

Except for deaths from Pneumonia there were none from the ordinary notifiable Infectious Diseases.

Causes of Death:

			<u>Males.</u>	<u>Females.</u>
	Pulmonary Tuberculosis	...	4	5
	Other forms of Tuberculosis	...	-	2
	Syphilitic Diseases	...	-	1
X	Cancer	...	10	19
	Diabetes	...	2	-
X	Disease of the Brain (Vascular)	...	15	19
X	Heart Disease	...	17	16
	Other Circulatory Diseases	...	2	2
X	(Bronchitis	...	10	9
	(Pneumonia	...	5	5
	Other Respiratory Diseases	...	1	2
	Peptic Ulcer	...	3	-
	Diarrhoea under 2 years	...	1	-
	Appendicitis	...	1	-
	Other Digestive Diseases	...	3	5
	Nephritis	...	4	1
	Maternal Deaths(non pyrexial)	...	-	2
	Premature Births	...	-	1
	Congenital Defects - Debility, Marasmus, etc.	...	4	6
	Suicide	...	-	1
	Road Traffic Accidents	...	4	2
	Other Violence	...	4	3
	All Other Causes	...	9	16
X	The chief Causes of Death.		<u>99.</u>	<u>117.</u>

Diphtheria Immunisation:

2734 children have been immunised out of an estimated population of 3450, or 79%, which is satisfactory.

Thanks are due to the A.R.P. personnel at the First Aid Post for very useful help at the sessions.

Scabies:

114 cases were notified during the year, 50 of these had 13.3 baths under the Authority's arrangements. The A.R.P. staff volunteered in this work, but when the staff was depleted a bath attendant was appointed. Lotions, ointments, soap and disinfectants are obtainable at the Sanitary Office. Disinfection of clothing and bedding is done at home under supervision. Spraying and Fumigating is also done by the Sanitary Inspector if thought desirable.

TUBERCULOSIS.

Age Periods.	NOTIFIED.				DIED. (Old & new cases).			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	-	-	-	-	-	-	-	-
1 to 5 years ...	-	-	-	2	-	-	-	1
5 to 15 " ...	-	1	1	1	-	-	-	-
15 to 25 " ...	1	2	-	-	1	2	-	-
25 to 35 " ...	3	3	-	-	1	1	-	-
35 to 45 " ...	3	1	1	-	2	1	-	-
45 to 55 " ...	-	-	-	-	-	-	-	-
55 to 65 & over...	-	1	-	1	-	1	-	1
TOTAL	7	8	2	4	4	5	-	2

15 cases of Pulmonary Tuberculosis and 6 of other forms of Tuberculosis were notified and there were 11 deaths in all. This is a little improvement on 1941, being 2 less in each category.

Tuberculosis:

No. of cases on Register	...	January 1st, 1942.	119
" " added or restored to the Register in 1942.			2
" " removed from Register in 1942.			16
" " on the Register	...	December 31st, 1942.	126
No. of new notifications	...	...	21

Maternity and Child Welfare:

There is work enough for a second Health Visitor but so far no suitable applicant has been found.

12 Visits were paid to expectant mothers.  
 794 " " to children under 1 year.  
 2,582 " " to children between 1 and 5 years.

There are 3 Maternity and Child Welfare Centres.  
 309 children attended under 1 year.  
 155 children attended over 1 year.

The Ante-natal Clinic is held weekly and a rota of local practitioners attend, also local midwives and the Health Visitor.  
 There were 194 patients.

The essential proprietary foods are supplied at cost price or less, with Cod Liver Oil and Vitamin C preparations.

46 confinements took place in Institutions, and this number continues to increase owing largely to housing conditions.



There were no infantile deaths from Measles, Whooping Cough, Diphtheria, Scarlet Fever, Cerebro Spinal Fever or Polio-Myelitis, and only 1 from Diarrhoea and Enteritis. There was one premature birth. 10 deaths out of the 17 were attributable to congenital Defects, debility at birth, atelectasis, etc. constituting the neo-natal mortality. There were no maternal deaths from sepsis and only 2 from other causes.

2 Cases of Ophthalmia Neonatorum were reported with no resulting eye damage.

There is no Day Nursery, but a Guardian Scheme. There are 109 Guardians on the Register and each child has a card recording home conditions, dates of visiting, etc. Visits to Children under Guardianship number 260.

The Health Visitor is Child 'Life Protection' Visitor. There are 16 children in an Institution in the area.

The Children's Hospital and the Cripple's Guild have seen several cases for us. The help of the voluntary workers at the Centres is much appreciated.

After the war it is hoped that a commodious building will be planned and erected to form a well equipped school clinic as well as a Child Welfare and Ante-natal Clinic.

Under the Milk (Special Designation) Orders 1936 - 1938 of 4 samples of accredited milk 1 failed to comply with the standards fixed.

Yours faithfully,

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Acting Medical Officer of Health.

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